

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		DOCKET NO. 8971-017-27		SERIAL NO. 09/934,680	
LIST OF REFERENCES CITED BY APPLICANT (Use Several Sheets if Necessary)				APPLICANT DUNCAN W. McBRANCH, ET AL.		GROUP ART UNIT 1645 1634	
				FILING DATE AUGUST 23, 2001			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>m</i>	AA	4,950,587	8/21/90	ROBERTS ET AL.			
	AB						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>m</i> ✓	AC	ZHOU ET AL., "METHODOLOGY FOR ENHANCING THE SENSITIVITY OF FLUORESCENT CHEMOSENSORS: ENERGY MIGRATION IN CONJUGATED POLYMERS", J. AM. CHEM. SOC., 117:7017-7018 (1995).					
✓	AD	CHEN ET AL., "HIGHLY SENSITIVE BIOLOGICAL AND CHEMICAL SENSORS BASED ON REVERSIBLE FLUORESCENCE QUENCHING IN A CONJUGATED POLYMER", PROC. NATL. ACAD. SCI., 96:12287-12292 (1999).					
✓	AE	WHITTEN ET AL., "FROM SUPERQUENCHING TO BIODETECTION: BUILDING SENSORS BASED ON FLUORESCENT POLYELECTROLYTES", MOLECULAR AND SUPRAMOLECULAR PHOTOCHEMISTRY, OPTICAL SENSORS AND SWITCHES, V. RAMAMURTHY AND K.S. SCHANZE, EDS., VOL. 7:189-208 (2001).					
✓	AF	JONES ET AL., "SUPERQUENCHING AND ITS APPLICATIONS IN J-AGGREGATED CYANINE POLYMERS", LANGMUIR, 17:2568-2571 (2001).					
✓	AG	JONES ET AL., "TUNING OF SUPERQUENCHING IN LAYERED AND MIXED FLUORESCENT POLYELECTROLYTES", J. AM. CHEM. SOC., 123:6726-6727 (2001).					
✓	AH	LU ET AL., "SUPERQUENCHING IN CYANINE PENDANT POLY(L-LYSINE) DYES: DEPENDENCE ON MOLECULAR WEIGHT, SOLVENT, AND AGGREGATION", J. AM. CHEM. SOC., 124:3:483-488 (2002)					
✓	AI	JONES ET AL., "BUILDING HIGHLY SENSITIVE DYE ASSEMBLIES FOR BIOSENSING FROM MOLECULAR BUILDING BLOCKS", PROC. NATL. ACAD. SCI., 96:26:14769-14772 (2001).					
✓	AJ	NIELSEN ET AL., "SEQUENCE-SELECTIVE RECOGNITION OF DNA BY STRAND DISPLACEMENT WITH A THYMINE-SUBSTITUTED POLYAMIDE", SCIENCE, 254:1497-1500 (1991).					
✓	AK	EGHOLM ET AL., "PNA HYBRIDIZES TO COMPLEMENT OLIGONUCLEOTIDES OBEYING THE WATSON-CRICK HYDROGEN BONDING RULES", NATURE, 365:566-568 (1993).					
✓	AL	DEMIDOV ET AL., "STABILITY OF PEPTIDE NUCLEIC ACIDS IN HUMAN SERUM AND CELLULAR EXTRACTS", BIOCHEM. PHARMACOL., 48:1310-1313 (1994).					
✓	AM	WITTUNG ET AL., "DIRECT OBSERVATION OF STRAND INVASION BY PEPTIDE NUCLEIC ACID (PNA) INTO DOUBLE-STRANDED DNA", J. AM. CHEM. SOC., 118:7049-7054 (1996).					
EXAMINER <i>Mike m</i>					DATE CONSIDERED 10/30/2003		
*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							



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<input checked="" type="checkbox"/>	AN	CHERNY ET AL., "DNA UNWINDING UPON STRAND-DISPLACEMENT BINDING OF A THYMINE-SUBSTITUTED POLYAMIDE TO DOUBLE-STRANDED DNA", PROC. NATL. ACAD. SCI. USA, 90:1667-1670 (1993).					
<input checked="" type="checkbox"/>	AO	EGHOLM ET AL., "EFFICIENT PH-INDEPENDENT SEQUENCE-SPECIFIC DNA BINDING BY PSEUDOISOCYTOSINE-CONTAINING BIS-PNA", NUCLEIC ACIDS RES., 23:2:217-222 (1995).					
<input checked="" type="checkbox"/>	AP	GRIFFITH ET AL., "SINGLE AND BIS PEPTIDE NUCLEIC ACIDS AS TRIPLEXING AGENTS: BINDING AND STOICHIOMETRY", J. AM. CHEM. SOC., 117:831-832 (1995).					
<input checked="" type="checkbox"/>	AQ	LOHSE ET AL., "DOUBLE DUPLEX INVASION BY PEPTIDE NUCLEIC ACID: A GENERAL PRINCIPLE FOR SEQUENCE-SPECIFIC TARGETING OF DOUBLE-STRANDED DNA", PROC. NATL. ACAD. SCI. USA, 96:21:11804-11808 (1999).					
<input checked="" type="checkbox"/>	AR	DEMIDOV ET AL., "KINETICS AND MECHANISM OF POLYAMIDE ("PEPTIDE") NUCLEIC ACID BINDING TO DUPLEX DNA", PROC. NATL. ACAD. SCI. USA, 92:2637-2641 (1995).					
<input checked="" type="checkbox"/>	AS	KUHN ET AL., "KINETIC SEQUENCE DISCRIMINATION OF CATIONIC BIS-PNAs UPON TARGETING OF DOUBLE-STRANDED DNA", NUCLEIC ACIDS RES., 26:2:582-587 (1998).					
<input checked="" type="checkbox"/>	AT	MELPOLDER ET AL., "DYE-POLYMER/SOL-GEL COMPOSITES", CERAMIC TRANS., ADVANCED COMPOSITE MATERIALS, 19:287-293 (1991).					
<input checked="" type="checkbox"/>	AU	PLACE ET AL., "STABILIZATION OF THE AGGREGATION OF CYANINE DYES AT THE MOLECULAR AND NANOSCOPIC LEVEL", LANGMUIR, 16:23: 9042-9048 (2000).					
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EXAMINER <i>hll in</i>				DATE CONSIDERED 10/28/2003			
*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							